BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/01/2021-22 Dated: 21-04-2021

APPROVED TENDER SCHEDULE –'B'

Item 09

Name of Work :-Construction of Samudaya Bhavana at Puttenahalli Colony in Chowdeshwari ward No 02

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri H S Palaksha Murthy	
				Rate	Rate in Words
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. Complete as per specifications and the directions of the Engineer-in-charge	cum	4.32	275.00	Two Hundred SeventyFive Only
2	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) Complete as per specifications and the directions of the Engineer-in-charge	Cum	46.67	300.00	Three Hundred Only
3	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge	Cum	86.72	466.51	Four Hundred SixtySix Paise FiftyOne Only
4	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications and the directions of the Engineer-in-charge	cum	7.34	1575.00	One Thousand Five Hundred SeventyFive Only

	roviding and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge	Cum	12.37	2700.00	Two Thousand Seven Hundred Only
6	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curingComplete as per specifications and the directions of the Engineer-in-charge	Cum	10.77	2200.00	Two Thousand Two Hundred Only
7	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge	Cum	13.39	2800.00	Two Thousand Eight Hundred Only
8	Filling available excavated earth(excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge	Cum	19.53	208.84	Two Hundred Eight Paise EightyFour Only
9	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., Complete as per specifications and the directions of the Engineer-in-charge	Cum	71.51	93.51	NinetyThree Paise FiftyOne Only
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	49.92	268.06	Two Hundred SixtyEight Paise Six Only
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	37.44	371.96	Three Hundred SeventyOne Paise NinetySix Only
12	Providing and removing centering, shuttering, strutting, propping etc and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	101.70	473.78	Four Hundred SeventyThree Paise SeventyEight Only

	roviding and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Complete as per specifications and the directions of the Engineer-in-charge	Sqm	108.48	415.60	Four Hundred Fifteen Paise Sixty Only
14	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	11.82	784.45	Seven Hundred EightyFour Paise FourtyFive Only
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	66.90	418.72	Four Hundred Eighteen Paise SeventyTwo Only
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	34.05	540.28	Five Hundred Fourty Paise TwentyEight Only
17	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge	Sqm	10.08	325.60	Three Hundred TwentyFive Paise Sixty Only
18	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement complete as per specifications and the directions of the Engineer-in-charge	Cum	34.09	3030.00	Three Thousand Thirty Only

	roviding and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Cum	5.84	5000.50	Five Thousand Paise Fifty Only
20	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge First Floor	Cum	5.80	6280.76	Six Thousand Two Hundred Eighty Paise SeventySix Only
21	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge Terrace Floor	Cum	1.38	4500.00	Four Thousand Five Hundred Only
22	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25 complete as per specifications and the directions of the Engineer-in-charge	Cum	25.02	6121.79	Six Thousand One Hundred TwentyOne Paise SeventyNine Only

	roviding and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, . Complete as per specifications and the directions of the Engineer-in-charge	Sqm	3.60	515.34	Five Hundred Fifteen Paise ThirtyFour Only
24	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, Complete as per specifications and the directions of the Engineer-in-charge First floor	Sqm	3.60	515.34	Five Hundred Fifteen Paise ThirtyFour Only
25	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	tonne	5.70	58000.00	FiftyEight Thousand Only
26	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge First Floor	tonne	2.42	47000.00	FourtySeven Thousand Only
27	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge Terrace floor	tonne	0.65	63733.67	SixtyThree Thousand Seven Hundred ThirtyThree Paise SixtySeven Only

	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	77.87	947.57	Nine Hundred FourtySeven Paise FiftySeven Only
29	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., Complete as per specifications and the directions of the Engineer-in-charge First Floor	Sqm	79.76	947.57	Nine Hundred FourtySeven Paise FiftySeven Only
30	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., Complete as per specifications and the directions of the Engineer-in-charge Terrace Floor	Sqm	55.33	947.57	Nine Hundred FourtySeven Paise FiftySeven Only
31	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	91.34	271.18	Two Hundred SeventyOne Paise Eighteen Only
32	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge First Floor	Sqm	93.23	271.18	Two Hundred SeventyOne Paise Eighteen Only
33	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge Terrace Floor	Sqm	82.31	271.18	Two Hundred SeventyOne Paise Eighteen Only
34	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	91.91	233.78	Two Hundred ThirtyThree Paise SeventyEight Only

	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge First Floor	Sqm	93.80	233.78	Two Hundred ThirtyThree Paise SeventyEight Only
36	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge Terrace Floor	Sqm	36.72	233.78	Two Hundred ThirtyThree Paise SeventyEight Only
37	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	108.83	233.78	Two Hundred ThirtyThree Paise SeventyEight Only
38	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. , Complete as per specifications and the directions of the Engineer-in-charge	Sqm	331.25	81.04	EightyOne Paise Four Only
39	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge	Sqm	222.42	93.51	NinetyThree Paise FiftyOne Only
40	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications Extra over for applying oil bound washable distemper on ceiling and / or sloping roof Complete as per specifications and the directions of the Engineer-in-charge	Sqm	108.83	114.29	One Hundred Fourteen Paise TwentyNine Only
41	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, . - with primer.Complete as per specifications and the directions of the Engineer-in-charge	Sqm	91.34	105.98	One Hundred Five Paise NinetyEight Only

	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, with primer.Complete as per specifications and the directions of the Engineer-in-charge First floor	Sqm	93.23	4629.78	Four Thousand Six Hundred TwentyNine Paise SeventyEight Only
43	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, with primer.Complete as per specifications and the directions of the Engineer-in-charge Terrace floor	Sqm	82.31	4629.78	Four Thousand Six Hundred TwentyNine Paise SeventyEight Only
44	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc. Complete as per specifications and the directions of the Engineer-in-charge	Sqm	12.60	2750.00	Two Thousand Seven Hundred Fifty Only
45	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,Complete as per specifications and the directions of the Engineer-in-charge First Floor	Sqm	12.60	3250.00	Three Thousand Two Hundred Fifty Only
46	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, Complete as per specifications and the directions of the Engineer-in-charge Ground'Floor	Sqm	53.59	550.61	Five Hundred Fifty Paise SixtyOne Only

	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, Complete as per specifications and the directions of the Engineer-in-charge First floor	Sqm	42.04	500.00	Five Hundred Only
48	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x 900x 12 mm thick fixed on 12mm thick Cement mortar \ flooring with for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	57.92	1000.00	One Thousand Only
49	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x 900x 12 mm thick fixed on 12mm thick Cement mortar \ flooring with for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc Complete as per specifications and the directions of the Engineer-in-charge First Floor	Sqm	46.51	240.00	Two Hundred Fourty Only
50	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all Complete as per specifications and the directions of the Engineer-in-charge	Sqm	48.04	315.00	Three Hundred Fifteen Only
51	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Nos	1.00	850.00	Eight Hundred Fifty Only

	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge Head Room	Nos	1.00	1100.25	One Thousand One Hundred Paise TwentyFive Only
53	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Cum	0.18	52000.00	FiftyTwo Thousand Only
54	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge Head Room	Cum	0.18	58000.00	FiftyEight Thousand Only
55	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge Ground Floor	Sqm	1.89	4906.16	Four Thousand Nine Hundred Six Paise Sixteen Only
56	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge Head Room	Sqm	1.89	3906.16	Three Thousand Nine Hundred Six Paise Sixteen Only
57	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, Complete as per specifications and the directions of the Engineer-in-charge	Sqm	3.78	62.34	SixtyTwo Paise ThirtyFour Only

	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using	Sqm	9.00	2500.00	Two Thousand Five Hundred Only
59	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using	Sqm	9.00	1250.00	One Thousand Two Hundred Fifty Only
60	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machineryComplete as per specifications and the directions of the Engineer-in-charge	kg	189.00	98.71	NinetyEight Paise SeventyOne Only

	oviding and fixing M.S.grill work for windows and entilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machineryComplete as per specifications and the directions of the Engineer-in-charge First Floor	kg	189.00	98.71	NinetyEight Paise SeventyOne Only
	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge	Sqm	36.00	98.71	NinetyEight Paise SeventyOne Only
3	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, Complete as per specifications and the directions of the Engineer-in-charge a Short point upto 3m	Point	6.00	254.56	Two Hundred FiftyFour Paise FiftySix Only
64	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block,Complete as per specifications and the directions of the Engineer-in-charge Medium point above 3m - 6m	Point	6.00	223.39	Two Hundred TwentyThree Paise ThirtyNine Only
65	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary 25mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge	Rm	20.00	592.23	Five Hundred NinetyTwo Paise TwentyThree Only
66	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary. 19/20mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge	Rm	20.00	516.91	Five Hundred Sixteen Paise NinetyOne Only

	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.25mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge	Rm	15.00	540.28	Five Hundred Fourty Paise TwentyEight Only
68	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall 1 - 3 Way Complete as per specifications and the directions of the Engineer-in-charge	Each	8.00	218.19	Two Hundred Eighteen Paise Nineteen Only
69	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall 4 - 5 Way Complete as per specifications and the directions of the Engineer-in-charge	Each	10.00	249.36	Two Hundred FourtyNine Paise ThirtySix Only
70	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 . 6AMP 3/5 and Switch Complete as per specifications and the directions of the Engineer-in-charge	No	4.00	374.04	Three Hundred SeventyFour Paise Four Only
71	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 Complete as per specifications and the directions of the Engineer-in-charge	Each	8.00	389.63	Three Hundred EightyNine Paise SixtyThree Only
72	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 16Amps Combined switch and socket with indication Complete as per specifications and the directions of the Engineer-in-charge	No	4.00	311.70	Three Hundred Eleven Paise Seventy Only
73	Electronic stepped regulator. Complete as per specifications and the directions of the Engineer-in-charge	No	2.00	394.82	Three Hundred NinetyFour Paise EightyTwo Only
74	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 1.5sqmm Complete as per specifications and the directions of the Engineer-in-charge	Rm	20.00	924.71	Nine Hundred TwentyFour Paise SeventyOne Only
75	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 2.5sqmm Complete as per specifications and the directions of the Engineer-in-charge	Rm	10.00	610.42	Six Hundred Ten Paise FourtyTwo Only

	Supplying and fixing Metal Fan Box with Round Hook Complete as per specifications and the directions of the Engineer-in-charge	Each	4.00	522.11	Five Hundred TwentyTwo Paise Eleven Only
77	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting Complete as per specifications and the directions of the Engineer-in-charge	Nos	5.00	635.10	Six Hundred ThirtyFive Paise Ten Only
78	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system Complete as per specifications and the directions of the Engineer-in-charge	Each	4.00	850.00	Eight Hundred Fifty Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.